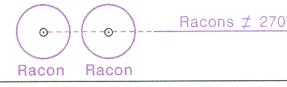
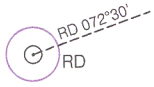
S Radar, Radio, Electronic Position-Fixing Systems

Radar

	Radar Structures Forming Landmarks → E			Radar Surveillance Systems → M
1	 Ra		Coast radar station, providing range and bearing service on request	 Ra
2	 Ramark		Ramark, radar beacon transmitting continuously	 Ramark
3.1	 RACON		Radar transponder beacon, with morse identification, responding within the 3-cm(X-)band	 Racon(Z)
3.2			Radar transponder beacon, with morse identification, responding within the 10-cm(S-)band	 Racon(Z) (10cm)
3.3			Radar transponder beacon, responding within the 3-cm(X-) and the 10-cm(S-)band	 Racon(Z) (3&10cm)
3.4			Radar transponder beacon, responding on a fixed frequency outside the marine band	 F Racon
3.5			Radar transponder beacons with bearing line	
3.6	 RACON (–) R "2" Fl R 4s	 Racon	Floating marks with radar transponder beacons	
4	Ra Ref		Radar reflector	
5	Ra (conspic)		Radar-conspicuous feature	

Radio

	Radio Structures Forming Landmarks → E		Radio Reporting (Calling-in or Way) Points → M
10	 R Bn, RC	Circular (non-directional) marine or aeromarine radiobeacon	
11		Directional radiobeacon with bearing line	
12	 RW	Rotating-pattern radiobeacon	 RW

S Radar, Radio, Electronic Position-Fixing Systems

13	CONSOL Bn 190 kHz MMF ⋮⋮. CONSOL	*Consol beacon*	Consol
14	RDF	*Radio direction-finding station*	RG
15	R Sta R	*Coast radio station providing QTG service*	R
16	AERO R Bn	*Aeronautical radiobeacon*	Aero R C

Electronic Position-Fixing Systems

Decca

20	AB AC AD	*Identification of Lattice Patterns*	AB AC AD
21	———	*Line of Position (LOP)*	———
22		*Line of Position representing Zone Limit (or. on larger scales) other intermediate LOPs*	———
23		*Half-lane LOP*	— — — —
24		*LOP from adjoining Chain (on Interchain Fixing Charts)*	— — — —
25	A 12	*Lane value, with Chain designator (Interchain charts only) and Zone designator*	(6) A 12

Note: *A Decca Chain Coverage Diagram is given when patterns from more than one Chain appear on a chart. LOPs are normally theoretical ones: if Fixed Error is included, an explanatory note is given.*

Loran-C

30	9960–Y 9960–Z	*Identification of Loran-C-Rates*	7970–X
31	———	*Line of Position (LOP)*	———
32		*LOP representing time difference value of an integral thousand µs (microseconds)*	———
33		*LOP beyond reliable groundwave service area*	— — —

34		LOP from adjoining Chain	- - - - - - - -
35		LOP from adjoining Chain beyond reliable groundwave service area	- - - - - - - - -
36	9960-Z-58000	LOP labelled with rate and full us value	7970-X 33000
37	050	LOP labelled with final three digits only	050

Note: A Loran-C Chain Diagram may be given if rates from more than one Chain appear on a chart. An explanatory note is given if LOPs include propagation delays.

Omega

40	DF CF AC	Charted station pairs	AB BC
41		Line of Position (LOP)	
42	DF - 702	Lane values	897 AB - 900

Note: A cautionary note draws attention to the need to consult Propagation Prediction Correction (PPC) tables. An explanatory note draws attention to the unreliability of LOPs within 450 n miles of a transmitter.

Satellite Navigation Systems

50	WGS WGS 72 WGS 84	World Geodetic System. 1972 or 1984	WGS WGS 72 WGS 84

Note: A note may be shown to indicate the shifts of latitude and longitude. in hundredths of a minute, which should be made to satellite-derived positions (which are referred to WGS) to relate them to the chart.